

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ADEFOVIR DIPIVOXIL N6-HYDROXY METHYL IMPURITY

Identification

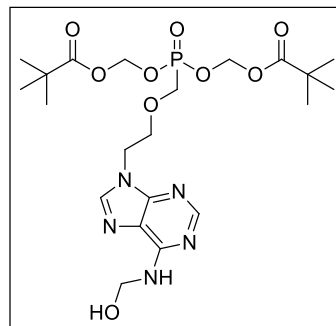
Chemical Name : (((2-(6-((hydroxymethyl)amino)-9H-purin-9-yl)ethoxy)methyl)phosphoryl)bis(oxy))bis(methylene) bis(2 | 2-dimethylpropanoate)

CAT No : ALL-ADE-1043

CAS No : 323201-04-3

Molecular Formula : C₂₁H₃₄N₅O₉P

Molecular Weight : 531.5



Analytical Information

Batch Code	: ALL-ADE-1043	HPLC Purity	: 98.51 %
Solubility	: MeOH: ACN	Potency	: 97.38 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Water Content By TGA	: 1.136 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.006 %		

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =
[100 - (1.136+0.006) × 98.51]/100 = 97.38 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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